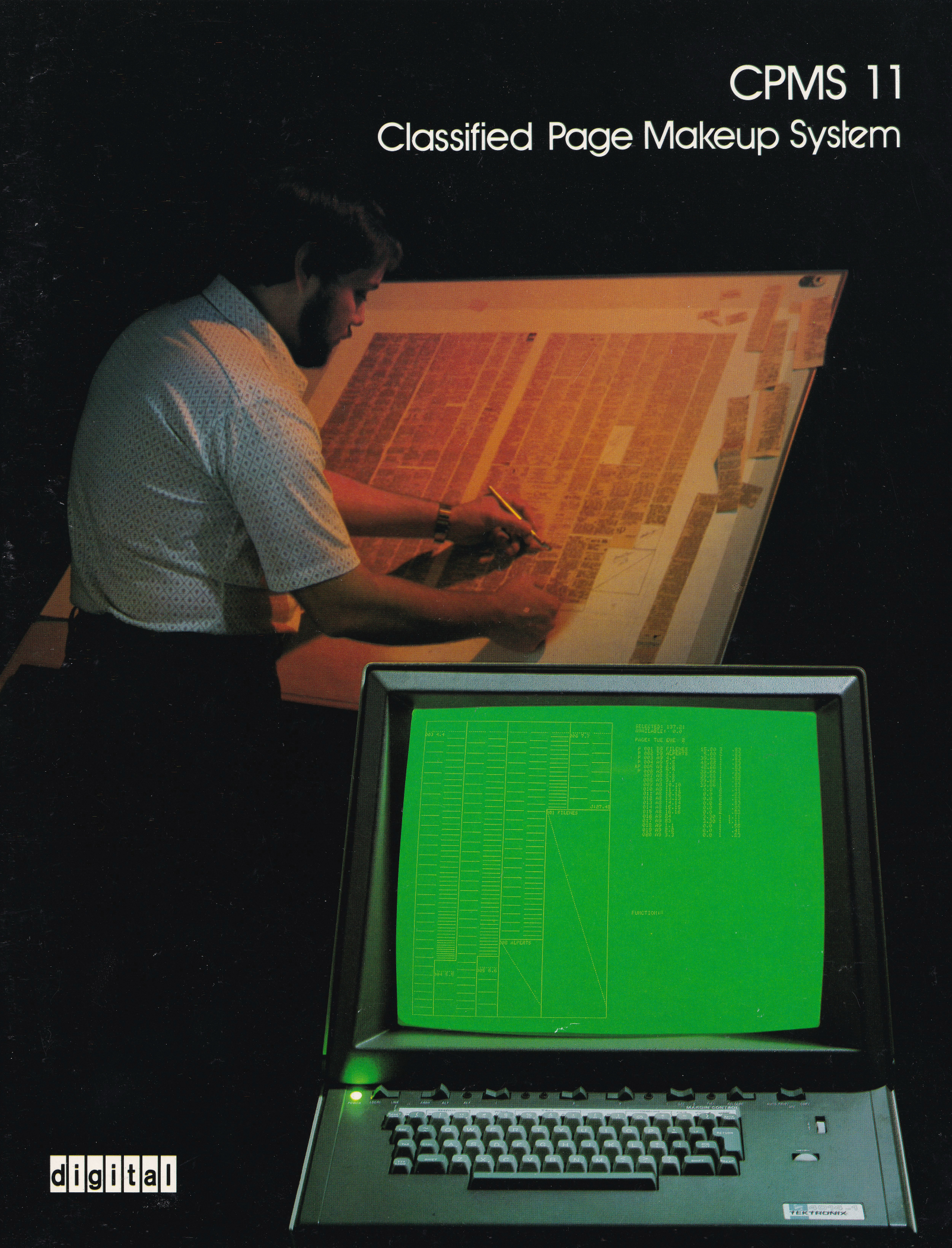
CPMS 11

Classified Page Makeup System



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These are some of the advantages offered by CPMS-11:

- Simplified classified page layout
- Reduced labor in the work-intensive pasteup process
- Easy to use
- Consumable material usage is significantly reduced
- Field proven system components

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CLASSIFIED PAGE MAKEUP SYSTEM-11

The time-consuming methods of laying out classified advertisement pages can now be greatly simplified with a new addition to DIGITAL's TMS-11 Text Management System. With the Classified Page Makeup System-11, classified pages can be laid out on a graphics terminal to achieve a balanced and aesthetically pleasing page with minimum effort. Designed for use by medium and large newspapers, CPMS-11 is the first interactive, graphics-terminal, page makeup system available for producing the classified section of your newspaper. Based on 5 years of research into computer-assisted interactive pagination, CPMS-11 offers state-of-the-art technology and provides the flexibility, speed, and accuracy demanded by classified advertising managers.

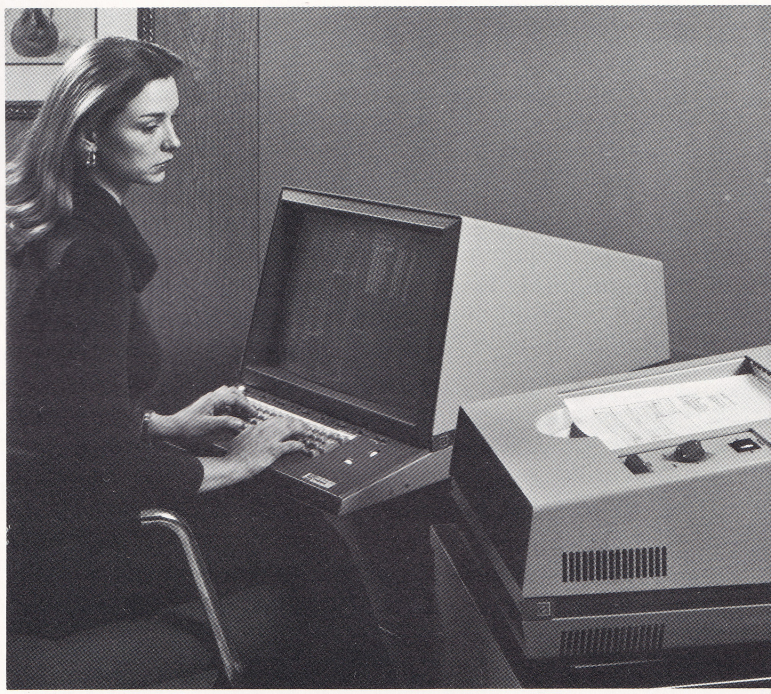
SIMPLISTIC DESIGN

CPMS-11 is a minicomputer-based, graphics-terminal subsystem designed to work interactively with a paginator and DIGITAL's TMS-11 Class-Ad data base. Designed as a subsystem of TMS-11 to provide a unique price/performance configuration, CPMS-11 offers automatic and manual positioning of classified and display ads, hard copy output of the page layout, and final page composition using photocomposition devices that are online to TMS-11.

Built around a DIGITAL PDP-11/04 minicomputer, CPMS-11 supports the TEKTRONIX 4014 Graphics Display Terminal and its associated hard copy output unit. The 4014 terminal has a 19-inch flicker-free screen and a full 96-character ASCII keyboard. The hard copy unit provides, upon user request, hard copy printout of the current terminal display at office copier speed. The hard copy unit can be shared by up to four 4014 terminals and can be used to provide not only hard copy of page dummies for off-line review, but also final representations of the actual page makeup for use in the paste-up department.

The CPMS-11 subsystem is connected directly to the TMS-11 system and its classified ad data base. Data transfers between TMS-11 and CPMS-11 are made at 9600 bits per second. Like all TMS-11 system users, CPMS-11 operators fall under the user-defined system security scheme, which restricts data access and ensures security of the classified, editorial, and composition data bases.

The Classified Page Makeup System-11 greatly simplifies the process of laying out classified pages.



Hard copy of the displayed page layout is available from the copy unit at office copier speed.

SIMPLE TO USE

After making normal log-on and password entries required by CPMS-11, the operator is ready to begin page makeup functions. Information about ads and a graphic representation of them are requested from the TEKTRONIX 4014 keyboard. Ad information is then displayed in the "available for placement" menu on the right side of the screen; the graphic representation of that classified page is displayed in the page makeup area on the left side of the screen. The page makeup area may be displayed, by user request, in the desired column format (1-10 columns).

CPMS-11 works with the three basic types of ads found in a classified section: display, graded or mixed, and agate. And the user has access to standard house or filler ads prepared by the newspaper.

All user requests are made through single key commands on the terminal keyboard. Reference to specific areas on the graphically displayed page is controlled by positioning X and Y cross hairs using thumb wheel knobs or an optional "joy stick."

PAGE DESIGN FLEXIBILITY

CLASSIFIED PAGE LAYOUT

Working from the "available for placement" menu that indicates pertinent information including classification, type, and size, the operator first positions graphic representations of display and/or graded ads in the page area. Ads may be moved and repositioned as often as necessary to achieve the desired layout.

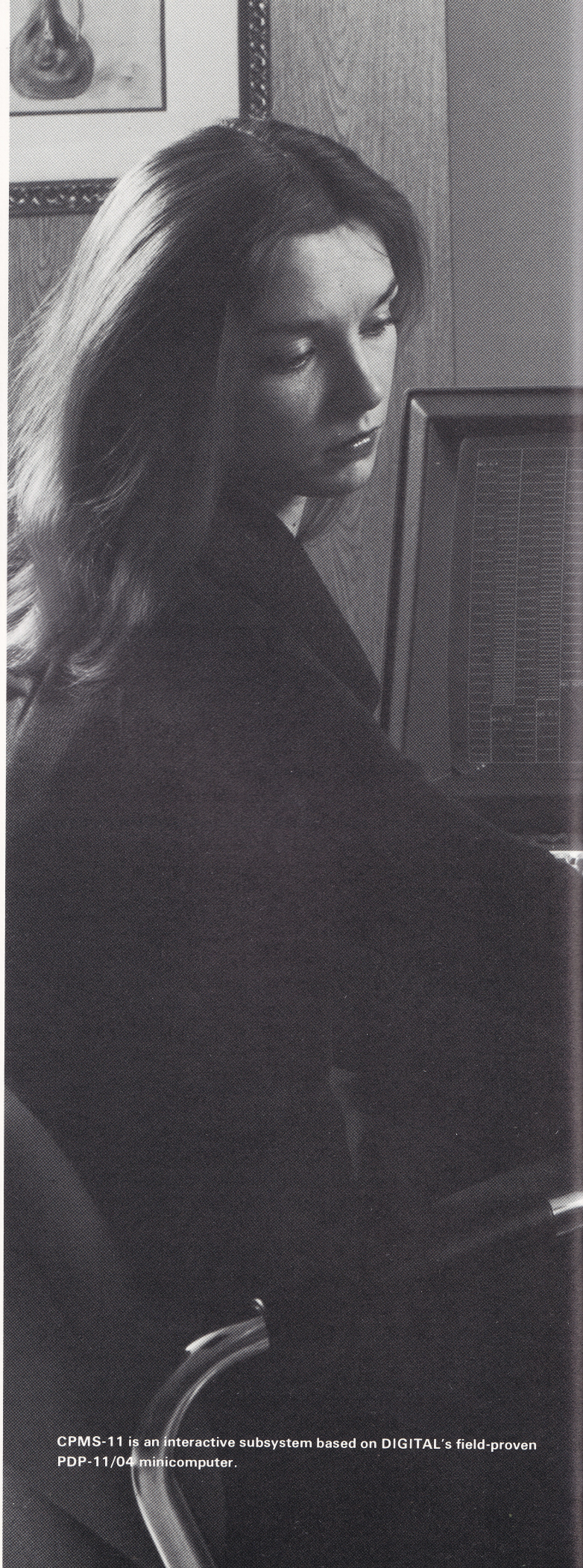
The display or graded ad is represented on the screen by a proportionally sized box in the selected area. The box contains appropriate ad identifying information. After the display ads have been positioned, the page can be stored for later review and production, or the operator can move directly into final page makeup by inserting the already sorted agate ads that are stored in the TMS-11 Class Ad data base. At any time during the makeup process, the operator can request a hard copy of the display dummy shown on the screen.

MAKEUP OF AGATE ADS

Using the CPMS-11 terminal keyboard, the operator requests information about ads in the next classification(s) or information about a specific number, or inches, of the presorted agate ads in a particular classification.

By invoking the PLACE ITEM command (e.g., place classification 123), the subsystem automatically positions and displays the agate ads around the existing display ads. The ads are proportionately represented on the page display and are positioned utilizing look ahead/look behind logic and vertical justification tolerances specified by the user.

The page display indicates the start of each new classification by exhibiting highlighted information. Classification headers are automatically repeated at the top of new columns for run-over ads. The space required for a run-over classification that must go to the next page is shown at the end of the agate ad display.



CPMS-11 is an interactive subsystem based on DIGITAL's field-proven PDP-11/04 minicomputer.

CPMS-11
TEKTRONIX

Before closing the page, the operator can insert house ads and other filler material as necessary to fill any remaining holes. In addition, individual corrections can be made by moving the display or graded ads that are on the page.

Any unplaced ads are carried over to the next page. The classification heading is repeated and the space required for the remaining ads is shown in the "available for placement" menu. These ads can now be placed on the next page when that page is made up.

FULL PAGE OUTPUT

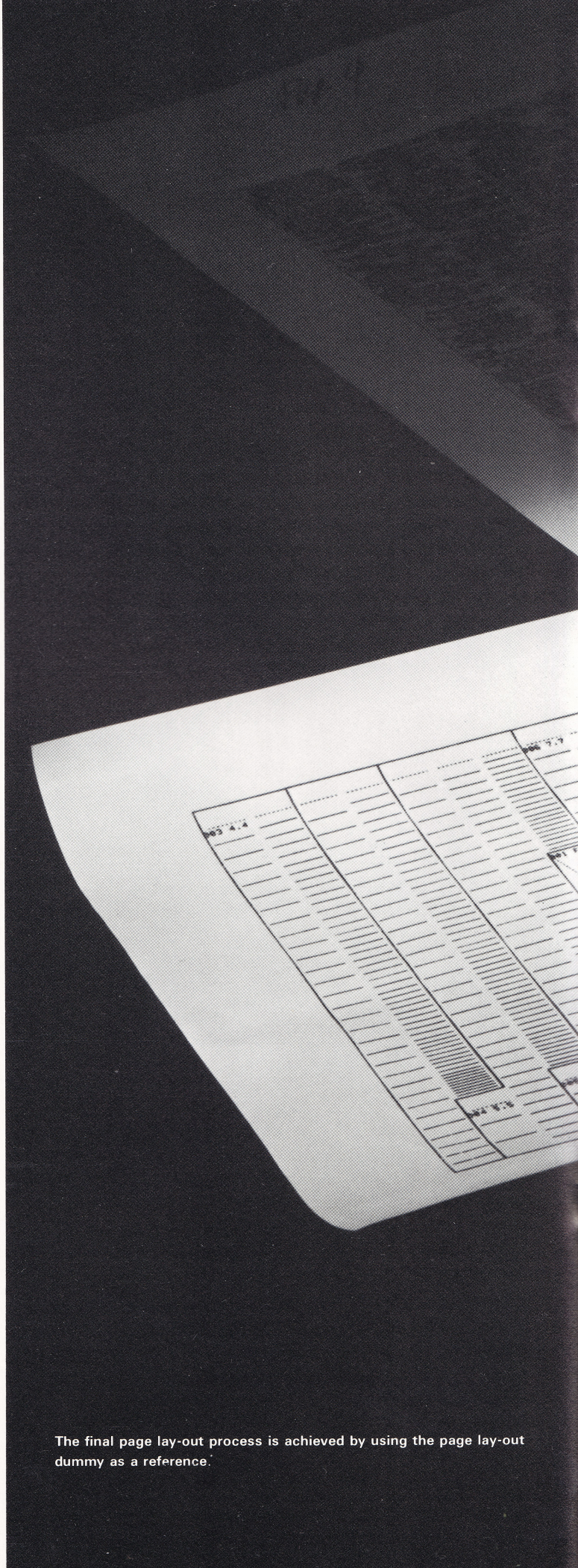
When the page makeup is complete and fully approved, the operator invokes the COMPOSITION command. This command directs the TMS-11 system to make the displayed page dummy ready for phototypesetting. Completed pages are directed, on-line, by TMS-11 to the specified photocomposition device. The typesetting process results in camera-ready galleys ready for paste-up. The galleys are side-by-side columns of agate ads including column rules with properly placed white space reserved for the display advertisements. The system's flexibility allows the user to specify the maximum width available on the phototypesetter, and TMS-11 will produce galleys in the largest segments possible.

This flexibility assures maximum utilization of less-than-full-page photocomposers and results in completely made up page segements, ready for display ads. (The number of segments depends on the maximum film width and the position of multiple column ads; full page composers will produce full pages.)

RELIABLE COMPONENTS

CPMS-11 is designed around field-proven DIGITAL and TEKTRONIX hardware devices maintained by national field service organizations from both corporations. Each unit has specific diagnostics for clear definition and problem resolution by the two corporations.

The CPMS-11 operator has full data protection in case of subsystem or host TMS-11 failure. The original data is maintained in the host computer in case of subsystem failure, and the switchable subsystem can continue work independently during a host system failure. (Further data transmissions require a back-up host or a functioning primary system.)



The final page lay-out process is achieved by using the page lay-out dummy as a reference.

SELECTED: 137.61
AVAILABLE: 0.00
PAGE: TUE EVE 2
FUNCTIONS
VIDEOTAPES
AUDIOPHILE
WALNUT
SHELVING
FORK TRUCKS
PALLET JACKS
PALLET TIER RACKS
FANTASTIC PRICES
CONSOLIDATED
CLOSEOUT
STEEL SHELVING
PALLET RACKS
CONVEYORS
Chairs $7.50-$22-$40-$60-
$90-$115-$145
Tables $45-$55-$135 & Up
ATOM'S SPRING SPECIALS
60" X 30" $100
ATOM 131 W 23 ST 691-7377
IT'S CONTINENTAL
WAREHOUSE SALE

digital

GRAPHIC ARTS GROUP

DIGITAL EQUIPMENT CORPORATION, MERRIMACK, NEW HAMPSHIRE 03054

DIGITAL EQUIPMENT CORPORATION. Corporate Headquarters: Maynard, Massachusetts 01754. Telephone (617) 897-5111—SALES AND SERVICE OFFICES: UNITED STATES—ALABAMA, Birmingham and Huntsville • ARIZONA, Phoenix and Tucson • CALIFORNIA, Los Angeles, Oakland, Sacramento, San Diego, San Francisco, Santa Ana, Santa Barbara, Santa Clara, Sunnyvale • COLORADO, Denver • CONNECTICUT, Fairfield and Meriden • DISTRICT OF COLUMBIA, Washington, D.C. (Lanham, MD) • FLORIDA, Miami, Orlando, Tampa • GEORGIA, Atlanta • HAWAII, Honolulu • ILLINOIS, Chicago, Peoria, Rolling Meadows • INDIANA, Indianapolis • IOWA, Bettendorf • KENTUCKY, Louisville • LOUISIANA, New Orleans • MASSACHUSETTS, Springfield and Waltham • MICHIGAN, Detroit • MINNESOTA, Minneapolis • MISSOURI, Kansas City and St. Louis • NEBRASKA, Omaha • NEW HAMPSHIRE, Manchester • NEW JERSEY, Cherry Hill, Fairfield, Princeton, Somerset • NEW MEXICO, Albuquerque • NEW YORK, Albany, Buffalo, Long Island, Manhattan, Rochester, Syracuse • NORTH CAROLINA, Charlotte and Durham/Chapel Hill • OHIO, Cincinnati, Cleveland, Columbus, Dayton • OKLAHOMA, Tulsa • OREGON, Portland • PENNSYLVANIA, Harrisburg, Philadelphia (Blue Bell), Pittsburgh • RHODE ISLAND, Providence • SOUTH CAROLINA, Columbia • TENNESSEE, Knoxville and Nashville • TEXAS, Austin, Dallas, El Paso, Houston • UTAH, Salt Lake City • VIRGINIA, Richmond • WASHINGTON, Seattle • WEST VIRGINIA, Charleston • WISCONSIN, Milwaukee • INTERNATIONAL—ARGENTINA, Buenos Aires • AUSTRALIA, Adelaide, Brisbane, Canberra, Melbourne, Perth, Sydney • AUSTRIA, Vienna • BELGIUM, Brussels • BOLIVIA, La Paz • BRAZIL, Rio de Janeiro and Sao Paulo • CANADA, Calgary, Edmonton, Halifax, London, Montreal, Ottawa, Toronto, Vancouver, Winnipeg • CHILE, Santiago • DENMARK, Copenhagen • EGYPT (A.R.E.), Cairo • FINLAND, Espoo • FRANCE, Lyon, Paris, Puteaux • HONG KONG • INDIA, Bombay • INDONESIA, Djakarta • IRAN, Tehran • IRELAND, Dublin • ISRAEL, Tel Aviv • ITALY, Milan, Rome, Turin • JAPAN, Osaka and Tokyo • MALAYSIA, Kuala Lumpur • MEXICO, Mexico City • NETHERLANDS, Amstelveen, Rijswijk, Utrecht • NEW ZEALAND, Auckland and Christchurch • NORTHERN IRELAND, Belfast • NORWAY, Oslo • PUERTO RICO, San Juan • SINGAPORE • SOUTH KOREA, Seoul • SPAIN, Madrid • SWEDEN, Gothenburg and Stockholm • SWITZERLAND, Geneva and Zurich • TAIWAN, Taipei • UNITED KINGDOM, Birmingham, Bristol, Ealing, Epsom, Edinburgh, Leeds, Leicester, London, Manchester, Reading • VENEZUELA, Caracas • WEST GERMANY, Berlin, Cologne, Frankfurt, Hamburg, Hannover, Munich, Nurnberg, Stuttgart • YUGOSLAVIA, Belgrade and Ljubljana •

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